

COMMUNITY INVOLVEMENT PLAN

**WILCOX OIL REFINERY SITE
BRISTOW, OKLAHOMA**

FEBRUARY, 2014



**U. S. ENVIRONMENTAL PROTECTION AGENCY
REGION 6**

THE U. S. ENVIRONMENTAL PROTECTION AGENCY'S (EPA)
SUPERFUND COMMUNITY INVOLVEMENT PROGRAM IS COMMITTED
TO PROMOTING COMMUNICATION BETWEEN CITIZENS AND THE AGENCY.

ACTIVE PUBLIC INVOLVEMENT IS CRUCIAL TO THE SUCCESS OF ANY PUBLIC PROJECT.

EPA'S COMMUNITY INVOLVEMENT ACTIVITIES AT THE
BRISTOW OIL REFINERY SUPERFUND SITE

ARE DESIGNED TO

INFORM THE PUBLIC OF THE NATURE OF THE ENVIRONMENTAL ISSUES ASSOCIATED WITH THE SITE,

INVOLVE THE PUBLIC IN THE DECISION-MAKING PROCESS THAT WILL AFFECT THEM,

INVOLVE THE PUBLIC IN THE RESPONSES UNDER CONSIDERATION TO REMEDY THESE ISSUES, AND

INFORM THE PUBLIC OF THE PROGRESS BEING MADE TO IMPLEMENT THE REMEDY.

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Section 1.0

Overview of the Community Involvement Plan

EPA developed this Community Involvement Plan to facilitate two-way communication between the community surrounding the Wilcox Oil Refinery Superfund Site and EPA and to encourage community involvement in site activities. EPA will utilize the community involvement activities outlined in this plan to ensure that residents are continuously informed and provided opportunities to be involved.

This Community Involvement Plan addresses The Wilcox Oil Refinery Superfund Site's relationship to the community and EPA (Section 2.0), provides a background of the community (Section 3.0), presents EPA's community involvement program (Section 4.0), and provides a listing of resources available (Appendices). EPA drew upon several information sources to develop this plan, including community interviews and site files. EPA's Regional Office will oversee the implementation of the community involvement activities outlined in this Plan.

Section 2.0

Capsule Site Description

2.1 Site History

Wilcox Oil Company is an inactive and abandoned oil refinery located in Bristow, Creek County, Oklahoma. The site consists of contaminated areas and surface water bodies due to releases from the former Lorraine and former Wilcox Refineries. These former refineries operated from the mid 1915s to the early 1965s. The location of the releases from the two refineries is considered to be a single site composed of a commingled release from the combined refinery operations. The area of the former refineries is approximately 125 acres.

Major operational areas include the former Wilcox Oil Refinery, the Lorraine Refinery, and the product storage area (tank farm). Sources of contamination include contaminated soil, cooling ponds, and numerous tank bottoms. Contaminants of concern include metals and organic compounds in the former storage tank areas, surface soils, surface impoundment and sediments.

2.2 Site Description/Location

The Site is located in Creek County, Oklahoma just outside of the town of Bristow, Oklahoma off of Highway 66 at W 221 Street.



2.3 Site Inspections and Cleanup Activities

At this time the following actions have been completed:

- A Preliminary Assessment conducted by ODEQ in 2008.
- A Site Inspection conducted by ODEQ in 2009.
- An Expanded Site Inspection conducted by ODEQ in 2011.
- A Hazard Ranking System package completed by EPA in May 2013.
- Proposed to the NPL on May 24, 2013.

- Added to the NPL on December 12, 2013.
- Community Open House conducted by ODEQ January 30, 2014.

Section 3.0 Community Background

3.1 Community Profile

Bristow began in 1898, when the [St. Louis – San Francisco Railway](#) ("Frisco") built a track between [Sapulpa](#) and [Oklahoma City, Oklahoma](#). The town was named for [Joseph L. Bristow](#), a U.S. senator from Kansas. A post office was established April 25, 1898. By the 1900 census, the population was 626.^[4]

Bristow was designated as the county seat for Creek County at statehood, when its population was 1,134. However, the county held a special election on August 20, 1908 to decide whether the seat would remain in Bristow or move to Sapulpa, which claimed to be more centrally located. Bristow had a larger population and claimed to have better railroad connections. Sapulpa won the election, but Bristow claimed voting irregularities. The election was voided and a new vote was held November 20, 1912. Again, Sapulpa won the election and the title of county seat.^[4]

The local economy depended heavily on cotton. Bristow had seven cotton gins and two cottonseed oil mills in the early 20th century. Other farms in the surrounding area produced corn, peanuts, potatoes and fruit. Oil and gas were discovered in the area around 1915. The discovery led to the construction of three refineries and four pipeline companies by 1930. Oklahoma-Southwestern Railway Company built a short line from the oilfields to Bristow in 1920. The peak census population was 6,619 in 1930.^[4]

As of the [census^{\[1\]}](#) of 2000, there were 4,325 people, 1,793 households, and 1,161 families residing in the city. The [population density](#) was 1,299.2 people per square mile (501.5/km²). There were 2,019 housing units at an average density of 606.5 per square mile (234.1/km²). The racial makeup of the city was 75.42% [White](#), 8.51% [African American](#), 10.64% [Native American](#), 0.16% [Asian](#), 0.44% from [other races](#), and 4.83% from two or more races. [Hispanic](#) or [Latino](#) of any race were 2.01% of the population.

There were 1,793 households out of which 31.5% had children under the age of 18 living with them, 41.7% were [married couples](#) living together, 17.8% had a female householder with no husband present, and 35.2%

were non-families. 32.1% of all households were made up of individuals and 16.3% had someone living alone who was 65 years of age or older. The average household size was 2.37 and the average family size was 2.98.

In the city the population was spread out with 27.9% under the age of 18, 9.2% from 18 to 24, 24.4% from 25 to 44, 20.1% from 45 to 64, and 18.4% who were 65 years of age or older. The median age was 36 years. For every 100 females there were 83.0 males. For every 100 females age 18 and over, there were 79.1 males.

The median income for a household in the city was \$24,351, and the median income for a family was \$31,618. Males had a median income of \$28,475 versus \$21,711 for females. The [per capita income](#) for the city was \$13,819. About 15.8% of families and 20.9% of the population were below the [poverty line](#), including 34.5% of those under age 18 and 14.3% of those age 65 or over.

Estimated median household income in 2011: \$27,172 (it was \$24,351 in 2000)

Bristow: \$27,172

Oklahoma: \$43,225

Estimated per capita income in 2011: \$14,076

[Bristow city income, earnings, and wages data](#)

Estimated median house or condo value in 2011: \$79,202 (it was \$43,400 in 2000)

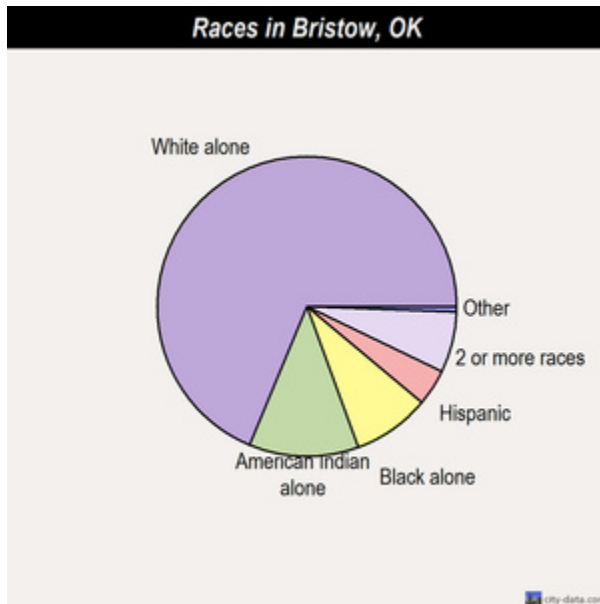
Bristow: \$79,202

Oklahoma: \$112,600

- Mean prices in 2011: All housing units: \$72,933; Detached houses: \$78,564; Townhouses or other attached units: \$50,349; Mobile homes: \$23,681

Median gross rent in 2011: \$506.

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- White alone - 2,919 (68.8%)
- American Indian alone - 501 (11.8%)
- Black alone - 355 (8.4%)
- Two or more races - 278 (6.5%)
- Hispanic - 167 (3.9%)
- Native Hawaiian and Other Pacific Islander alone - 15 (0.4%)
- Asian alone - 10 (0.2%)

3.2 History of Community Involvement

We, EPA, attended the ODEQ Open House and answered questions on January 30, 2014. We spoke to a number of residents and recorded some notes concerning the Communities concerns.

3.3 Key Community Concerns

The key concerns of the Community are exposures in the past and the current exposures in regard to the Health Affects within the Community. The Community has organized a Group called “Cancer Answers for Bristow” which operates out of the local furniture store at this time. They have been collecting surveys in regard to the health of individuals in Bristow. morqfamily@gmail.com

A local church, Bristow First Assembly of God was located on the Site and has moved out of the church and property for fear of continued exposure to contaminants in the air and in a well that was used for water in the past. They also have stated that there are oily patch’s on their property that animals and humans may be exposed to.

Other residents have stated that their pets have come home covered in oily dirt from the site and the Reverend stated his children have also returned home with oily shoes etc. from the site. The oil seems to bubble up to the surface.

An additional resident has claimed the is oil up and down the creek and still oil in a tank located by the railroad track.

There seems to be a large number of resident, of all ages, that have had gull bladder problems.

3.4 Response to Community Concerns

Listing of the site on the NPL and possible removal action steps to protect against further potential exposure.

3.5 Summary of Communication Needs

Section 4.0

EPA's Community Involvement Program

The overall goal of EPA's community involvement program is to promote two-way communication between citizens and the EPA and to provide opportunities for meaningful and active involvement by the community in the cleanup process. EPA will implement the community involvement activities described below. The following plan is based on the results of the community interviews described earlier; it addresses each issue that was identified as being important to the community.

4.1 The Plan

Issue 1: Community exposure Concerns

Activity 1A: Community Interviews

- Objective: Location of hot spots
- Method:
- Timing:

Activity 1B: Fencing

- Objective: Eliminate Dermal exposure
- Method:
- Timing:

Issue 2: Finding a Responsible Party

Activity 2A: Enforcement

Issue X: Keeping the public informed and up to date.

Activity XA: Designate an EPA Community Involvement Coordinator (CIC).

- Objective: To provide a primary liaison between the community and the EPA, and to ensure prompt, accurate, and consistent responses and information dissemination about the site. In those instances where EPA's CIC may be unable to provide adequate information (such as on technical issues), inquiries will be directed to the appropriate EPA contact.
- Method: EPA will designate an EPA CIC to handle site inquiries and serve as a point of contact for community members. The CIC is appointed by the Region 6 headquarters. Bill Little is the EPA CIC assigned to the site. He will work closely with Bart Canellas EPA's On Scene Coordinator for the site.
- Timing: The CIC was designated on June, 2013.

Activity XB: Prepare and distribute site fact sheets and technical summaries.

- Objective: To provide citizens with current, accurate, easy-to-read, easy-to-understand information about Wilcox Oil Refinery Superfund Site.
- Method: Fact sheets will be mailed to all parties on the site mailing list. In addition, copies will be available at the information repository and in various cooperating business locations in the community.
- Timing: EPA will prepare and distribute fact sheets (Monthly, Bi-Monthly, Quarterly, as needed, or other frequency)

Activity XC: Involve students, parents, teachers through area schools.

- Objective: To educate faculty, students and their parents about the site, to invite and address their concerns regarding it, and to caution students about the site.
- Method: Address school faculty and students through visits and presentations to classroom, faculty, school assembly, or other meetings or events. Additionally, communicate with parents through take-home materials provided to the students and/or by attending and participating in PTA meetings or events.
- Timing: As community concern warrants or at least every year until the site is closed out.

Activity XD: Provide a toll-free “800 number” for the community to contact EPA.

- Objective: To enable citizens to get the latest information available when they want it, rather than having to wait for a meeting or a fact sheet, and without incurring any cost.
- Method: EPA will activate the 800 number and publish it periodically in the local papers and in all fact sheets.
- Timing: The line is currently operational (1-800-533-3508).

Activity XE: Maintain a mailing list for the Site.

- Objective: To facilitate the distribution of site-specific information to everyone who needs or wants to be kept informed about the site.
- Method: EPA will create a mailing list that includes all residences adjacent to the site, in known or suspected paths of migration, or those otherwise affected by the site. EPA will also solicit interested parties via fact sheets, newspaper articles, public meetings, public availabilities, etc.
- Timing: EPA will begin working on this mailing list immediately and will review/revise it periodically to keep it current.

Activity XF: Establish and maintain Information Repositories.

- Objective: To provide a convenient location where residents can go to read and copy official documents and other pertinent information about the site and EPA activities.
- Method: The repository is a reference collection of site information containing the Administrative Record file, other site-specific information, the Community Involvement Plan, information about the Technical Assistance Grant program, and the general Superfund process. The Community Involvement Coordinator will work with a local contact to establish the local repository. This repository will be accessible to the physically challenged, will have copier facilities, and will be available to residents during normal business hours and at least some evening

and/or weekend hours. Additional repositories may also be established, including one at the EPA Region 6 headquarters in Dallas, Texas.

- Timing: EPA established the local repository on December, 2013 located at; City of Bristow Public Library, 111 West 7th Street, Bristow, Oklahoma / EPA adds new documents as they become available.

Activity XG: Provide Site and Superfund information on the Internet.

- Objective: To provide key resources for searching and listing both general and specific information about Superfund and hazardous waste issues.
- Method: A Site Status Summary for this site can be found at <http://www.epa.gov/earth1r6/6sf/6sf-XX.htm> (where XX = ar, la, nm, ok, or tx). Information about EPA and Superfund can be found at:
 - EPA Headquarters: <http://www.epa.gov>
 - EPA Region 6: <http://www.epa.gov/earth1r6>
 - EPA Region 6 Superfund Division: <http://www.epa.gov/earth1r6/6sf/6sf.htm>The Proposed Plan and the Record of Decision (ROD) for the site will be placed on the internet as they are completed.
- Timing: Site Status Summaries are periodically updated.

Activity XH: Provide Technical Assistance Grant (TAG) information.

- Objective: To provide resources for community groups to hire technical advisors who can assist them in interpreting technical information about the site.
- Method: EPA will provide information about the TAG program at public meetings and in site fact sheets. EPA will also provide briefing sessions to interested groups if so requested. EPA will provide TAG applications to qualified groups, and will provide assistance to the group in completing the application.
- Timing: EPA will continue to promote TAGs until one is awarded.

Activity XI: Establish and maintain the Administrative Record.

- Objective: To provide residents with a paper trail of all documents, resources, etc. used by the Regional Project Manager and Site Team in reaching all decisions about the site and its cleanup.
- Method: EPA will provide at least two sets of the Administrative Record for the site, one in the EPA Region 6 offices located at 1445 Ross Avenue, Dallas, Texas and one located in the local Information Repository near the site.
- Timing: The Administrative Record is opened as soon as site investigation begins and remains open until the last ROD is signed.

Activity XJ: Conduct special events.

- Objective: To educate citizens, add a sense of closure, highlight a major event or milestone, recognize significant citizen or PRP activity, etc.
- Method: (***)InsertSiteSpecialEvent(***) Examples include: A special topic educational campaign, construction completion party, on-site demolitions, transitions to the next phase, etc.
- Timing: (***)InsertDateofActivity,LocationandNameofEvent(***)

Issue Y: Provide adequate and meaningful opportunities for community involvement.

Activity YA: Hold public meetings.

- Objective: To update the community on site developments and address community questions, concerns, ideas and comments.
- Method: Refer to Appendix XX for suggested meeting locations. EPA will schedule, prepare for, and attend all announced meetings. EPA will provide at least two weeks' notice of the scheduled meeting. The Regional Project Manager, Community Involvement Coordinator, and other appropriate EPA staff will attend.
- Timing: A public meeting is required during the Proposed Plan comment period (see below). EPA will hold other public meetings as appropriate.

Activity YB: Encourage formation of a Community Advisory Group (CAG).

- Objective: To provide citizens with a meaningful way to become actively involved, and to provide the Site Team with a viable means of learning citizen concerns and attitudes.
- Method: EPA will encourage the formation of a CAG and provide support as appropriate to facilitate its formation. If formed, EPA will provide administrative support but will not be an active member.
- Timing: EPA will respond to any requests for help to form a CAG. As necessary, EPA will promote CAGs regularly throughout the Superfund process until one is formed.

Activity YC: Make informal visits to community.

- Objective: To help keep community members informed about the site, while providing EPA with feedback about site activities and the community's opinions.
- Method: EPA will establish a presence in the community through informal, often unscheduled visits to talk spontaneously with local residents.
- Timing: Throughout the entire Superfund process.

Activity YD: Solicit comments during a Public Comment Period.

- Objective: To give community members an opportunity to review and comment on various EPA documents, especially the Proposed Plan. This provides the citizens with meaningful involvement in the process and also provides the Site Team with valuable information for use in making decisions.
- Method: EPA will announce each comment period separately. Announcements will appear in local newspapers and EPA fact sheets; they will include particulars on duration, how to make comments, where to submit comments, etc. EPA may solicit comments on the following information/draft documents: draft CIP, draft summary of test results (not individual tests) and initial interpretation, preliminary findings on the RI and a list of possible remedies likely to be considered, preliminary findings of the FS and a brief summary of the leading contender for the proposed remedy, and preliminary plans for implementation and construction.

- Timing: Comment periods will be announced as appropriate. A comment period is required in conjunction with the announcement of the Proposed Plan and will last a minimum of 30 days.

Activity YE: Prepare and issue a Responsiveness Summary.

- Objective: To summarize comments received during comment periods, to document how the EPA has considered those comments during the decision-making process, and to provide responses to major comments.
- Method: EPA will prepare a Responsiveness Summary as a section of the Record of Decision. The Responsiveness Summary will include four sections: 1. Overview; 2. Background on Community Involvement; 3. Summary of comments received and Agency responses; 4. Remedial Design/Remedial Action concerns. All information, both technical and nontechnical, will be conveyed in a manner that is easily understood.
- Timing: EPA will issue the Responsiveness Summary as part of the Record of Decision.

Activity YF: Revise the Community Involvement Plan (CIP).

- Objective: To identify and address community needs, issues, or concerns regarding the site or the cleanup remedy that are not currently addressed in this CIP.
- Method: The Revised CIP will update the information presented in the previous version of the CIP.
- Timing: EPA will revise the CIP as community concern warrants or at least every three years until the site is closed out.

4.2 Time Frame Summary for Community Involvement Activities

ACTIVITY	TIME FRAME
Designate an EPA Community Involvement Coordinator (CIC)	Bill Little June, 2013
Prepare and distribute site fact sheets and technical summaries	Ongoing, January 2014
Involve students, parents, teachers through area schools	As needed, at least annually
Provide a toll-free "800 number" for the community to contact EPA	Currently in operation
Maintain a mailing list for the Site	Ongoing
Establish and maintain Information Repositories	Established, update as needed
Provide Site and Superfund information on the Internet	Currently available; update as needed
Provide Technical Assistance Grant (TAG) information	Ongoing
Establish and maintain the Administrative Record	Established, update as needed
Conduct special events	
Hold public meetings	
Encourage formation of a Community Advisory Group (CAG)	Ongoing
Make informal visits to community	As needed January 30, 2014
Solicit comments during a Public Comment Period	As needed and required NPL addition December 2013
Prepare and issue a Responsiveness Summary	Following public comment periods
Revise the Community Involvement Plan (CIP)	As needed, at least every 3 years

Appendix A EPA Regional Contacts

Bart Canellas

Remedial Project Manager

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Leon Smith (918) 367-3065
Bob Edwards (918) 367-5118
Frank Groom (918) 367-2126
Randy Witty (918) 367-9528

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Appendix C State Officials

Governor

Senate

House of Representatives*

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Appendix D Federal Elected Officials

President

- Barack Obama (D)

U.S. Senate

U.S. House of Representatives

Appendix E
Environmental and Active Citizens Groups

Appendix F Potentially Responsible Parties

Appendix G Media Contacts

Newspapers:

Appendix H Meeting Locations

City of Bristow Public Library
111 W 7th Street
Bristow, Oklahoma 74010

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Appendix I Repository Locations

Local Repository:

City of Bristow Public Library
111 W 7th Street
Bristow, Oklahoma 74010

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Appendix J Other Local Resources

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